

2007 Daily Values

KASKASKIA RIVER AT LAKE CARLYLE TAILWATER (OUTFLOW), IL (KACQ/KCL F)

Location: LAT. 38-37-02, LONG. 89-21-14, IN CONCRETE TOWER 300 FEET DOWNSTREAM OF THE AXIS OF THE DAM AND AT MILE 94.0 ABOVE THE MOUTH. NOTE: NEW RIVER MILEAGE DETERMINED AFTER 1962-1986 CHANNEL IMPROVEMENTS.

Gage: STAFF GAGE FLOAT WELL AND G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. DISCHARGES ARE COMPUTED IN COOPERATION WITH THE U.S. GEOLOGICAL SURVEY.

General Information: DRAINAGE AREA, 2,717 SQUARE MILES.

Records Available: ELEVATION AND DISCHARGE, AUG. 27, 1965 TO PRESENT, IN FILES OF THE CORPS OF ENGINEERS. DISCHARGES, MAR. 1908 TO SEP. 1912, NOV. TO DEC. 1912, AUG. 1914 TO SEP. 1915, MAY 1938 TO PRESENT IN RECORDS OF U.S. GEOLOGICAL NOTE: FLOW REGULATED SINCE APR. 1, 1967 BY CARLYLE RESERVOIR.

Mean Flow: PERIOD OF RECORD, 2166 CFS . 01 JAN 1967 TO DATE, 2187 CFS .

Extreme Flow: PERIOD OF RECORD, DAILY HIGH OF 13390 CFS ON 31 MAY 2002 & PERIOD OF RECORD, DAILY LOW OF 10 CFS OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 15 MAY 1988 .

DAILY 8AM FLOWS IN CFS:

Month												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3840	6920										
2	3850	6940										
3	3900	6850										
4	4050	6280										
5	4080	5450										
6	4080	4440										
7	4050	3670										
8	4030	3090										
9	4030	2460										
10	4000	2130										
11	4060	2070										
12	4180	2410										
13	4210	2920										
14	4400	3260										
15	4800	3510										
16	5130	3570										
17	5160	3280										
18	5170	2820										
19	5150	2710										
20	5080	3260										
21	5180	4100										
22	6080	4680										
23	6690	4960										
24	6710	5090										
25	6810	5430										
26	6850	5790										
27	6830											
28	6780											
29	6720	----										
30	6670	----										
31	6760	----		----		----			----		----	
The following statistics are based on observations occuring in 2007 only.												
Mean	5140	4157										
Max	6850	6940										
Min	3840	2070										
Day	31	26	0	0	0	0	0	0	0	0	0	0

The Mean FLOW for the Year was: 4692  
The Highest FLOW for the Year was: 6940 which occurred on: 02-02-2007  
The Lowest FLOW for the Year was: 2070 which occurred on: 02-11-2007  
The Total Number of Days for the Year was: 57

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.